

## II. AMENDMENT TO THE CLAIMS

*Please amend the claims as follows:*

1. (Currently Amended) A system for mapping a network, comprising:

    a collection system for collecting device identification and detail information from devices on the network by querying each device to retrieve the device identification and detail information, wherein the detail information includes device characteristic information and software information, the collection system comprising:

        a plurality of collection tools, wherein ~~each~~ at least a first collection tool is configured to collect at least a specific first subset of the device identification and detail information for at least a specific first operating system, and ~~wherein~~ at least one a second collection tool ~~being~~ is configured to collect at least a different second subset of the device identification and detail information for at least a different second operating system ~~from another collection tool~~;

        a timer system for collecting the device identification and detail information at predetermined scheduled times;

        an analysis system for analyzing the collected device identification and detail information comprising rules for resolving any conflicts between device identification and detail information collected by the plurality of collection tools and configured to resolve conflicts between information for the at least first and second device identification and detail information and the at least first and second operating system; and

        a report system for generating a mapping report based on the analyzed device

identification and detail information.

2.-3. (Canceled)

4. (Previously Presented) The system of claim 1, wherein the device identification and detail information includes device identities, device types, device addresses, device characteristics including amount of RAM, operating system including version and application software including version installed on the devices, and software characteristics of the devices on the network.

5. (Previously Presented) The system of claim 4, wherein the generated mapping report includes the device identities, device types, the device addresses, the device characteristics, the operating system and application software installed on the devices, and the software characteristics.

6. (Original) The system of claim 1, further comprising a permission system for gaining user access to the network.

7. (Currently Amended) A system for mapping a network, comprising:

a collection system that comprises a plurality of collection tools for collecting device identification and detail information from devices on the network by querying each device to retrieve the device identification and detail information, wherein the detail information includes device characteristic information and software information, and wherein each at least a first

collection tool is configured to collect at least a specific first subset of the device identification and detail information for at least a specific first operating system, and wherein at least one a second collection tool being is configured to collect at least a different second subset of the device identification and detail information for at least a different second operating system from another collection tool;

a timer system for collecting the device identification and detail information at predetermined scheduled times;

an analysis system for analyzing the device identification and detail information, wherein the analysis system includes rules for resolving any conflicts between device identification and detail information collected by the plurality collection tools and configured to resolve conflicts between information for the at least first and second device identification and detail information and the at least first and second operating system; and

a report system for generating a mapping report based on the analyzed device identification and detail information.

8. (Previously Presented) The system of claim 7, wherein the device identification and detail information includes device identities, device types, device addresses, device characteristics including amount of RAM, operating system including version and application software including version installed on the devices, and software characteristics for the devices on the network.

9. (Previously Presented) The system of claim 8, wherein the mapping report generated by the

report system identifies the device identities, device types, the device addresses, the device characteristics, the operating system and application software installed on the devices, and the software characteristics.

10. (Original) The system of claim 9, wherein the report system outputs the generated report.

11. (Original) The system of claim 7, further comprising a permission system for gaining user access to the network.

12. (Currently Amended) A method for mapping a network, comprising the steps of:

[[I]]installing a plurality of collection tools on a collection apparatus;  
communicating with the network using the collection apparatus;  
operating the plurality of collection tools to collect device identification and detail information from devices on the network by querying each device to retrieve the device identification and detail information, wherein the detail information includes device characteristic information and software information, and wherein ~~each~~ at least a first collection tool is configured to collect at least a specific first subset of the device identification and detail information for at least a specific first operating system, and ~~wherein~~ at least one a second collection tool being configured to collect at least a different second subset of the device identification and detail information for at least a different second operating system ~~from another collection tool~~;

analyzing the device identification and detail information, wherein analyzing comprises

resolving any conflicts between device identification and detail information collected by the plurality of collection tools and resolving conflicts between information for the at least first and second device identification and detail information and the at least first and second operating system; and

reporting the analyzed device identification and detail information.

13. (Original) The method of claim 12, wherein the collection apparatus comprises at least one processor.

14. (Previously Presented) The method of claim 12, wherein the device identification and detail information includes device types, device addresses, device characteristics including amount of RAM, operating system including version and application software including version installed on the devices, and software characteristics for the devices on the network.

15. (Canceled)

16. (Previously Presented) The method of claim 12, wherein the reporting step comprises the step of generating a mapping report based on the analyzed device identification and detail information.

17. (Currently Amended) A program product stored on a recordable media for mapping a network, which when executed, comprises:

a collection system for collecting device identification and detail information from devices on the network by querying each device to retrieve the device identification and detail information, wherein the detail information includes device characteristic information and software information, the collection system comprising:

a plurality of collection tools, wherein ~~each at least a first~~ collection tool is configured to collect at least a specific first subset of the device identification and detail information for at least a specific first operating system, and ~~wherein~~ at least ~~one~~ a second collection tool ~~being~~ is configured to collect at least a different second subset of the device identification and detail information for at least a different second operating system ~~from another collection tool~~;

a timer system for collecting the device identification and detail information at predetermined scheduled times;

an analysis system for analyzing the collected device identification and detail information comprising rules for resolving any conflicts between device identification and detail information collected by the plurality of collection tools and configured to resolve conflicts between information for the at least first and second device identification and detail information and the at least first and second operating system; and

a report system for generating a mapping report based on the analyzed device identification and detail information.

18.-19. (Canceled)

20. (Previously Presented) The program product of claim 17, wherein the device identification and detail information includes device identities, device types, device addresses, device characteristics including amount of RAM, operating system including version and application software including version installed on the devices, and software characteristics of the devices on the network.

21. (Previously Presented) The program product of claim 20, wherein the generated mapping report identifies the device identities, device types, the device addresses, the device characteristics, the operating system and application software installed on the devices, and the software characteristics.

22. (Original) The program product of claim 17, further comprising a permission system for gaining user access to the network and the devices.

23. (Currently Amended) A computer system for mapping a network, comprising:

- a processor;
- a computer system memory;
- an interface; and

a software product stored on the computer system memory and executable by the processor, wherein the software product comprises:

- a collection system for collecting device identification and detail information from devices on the network by querying each device to retrieve the device identification and

detail information, wherein the detail information includes device characteristic information and software information, wherein the collection system comprises:

    a plurality of collection tools, wherein ~~each~~ at least a first collection tool is configured to collect at least a specific first subset of the device identification and detail information for at least a specific first operating system, and wherein at least one a second collection tool ~~being~~ is configured to collect at least a ~~different~~ second subset of the device identification and detail information for at least a ~~different~~ second operating system ~~from another collection tool~~;

    a timer system for collecting the device identification and detail information at predetermined scheduled times;

    an analysis system for analyzing the collected device identification and detail information comprising rules for resolving any conflicts between device identification and detail information collected by the plurality of collection tools and configured to resolve conflicts between information for the at least first and second device identification and detail information and the at least first and second operating system;

    and

    a report system for generating a mapping report based on the analyzed device identification and detail information.

24. (Canceled)

25. (Canceled)

26. (Previously Presented) The computer system of claim 23, wherein the device identification and detail information includes device identities, device types, device addresses, device characteristics including amount of RAM, operating system including version and application software including version installed on the devices, and software characteristics of the devices on the network.

27. (Previously Presented) The computer system of claim 26, wherein the generated mapping report identifies the device identities, device types, the device addresses, the device characteristics, the operating system and application software installed on the devices, and the software characteristics.

28. (Original) The computer system of claim 23, further comprising a permission system for gaining user access to the network.